

FEB 17 1982

DMS 1794 A

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health AdministrationForm Approved  
OMB No. 44-R1387

## MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

RS 2007

## SECTION I

|   |         |                         |
|---|---------|-------------------------|
| MANUFACTURER'S NAME                                 |         | EMERGENCY TELEPHONE NO. |
| Hysol Division, The Dexter Corporation              |         | 716-372-6300            |
| ADDRESS (Number, Street, City, State, and Zip Code) |         |                         |
| 211 Franklin Street, Olean, New York 14760          |         |                         |
| CHEMICAL NAME AND SYNONYMS                          |         | TRADE NAME AND SYNONYMS |
|   |         | PC12-007, Part A        |
| CHEMICAL FAMILY                                     | FORMULA |                         |
| Epoxy Resin   | n.a.    |                         |

## SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS                                 | % | TLV (Units) | ALLOYS AND METALLIC COATINGS           | % | TLV (Units) |
|---|---|-------------|--|---|-------------|
| PIGMENTS  |   |             | BASE METAL                             |   |             |
| CATALYST  |   |             | ALLOYS                                 |   |             |
| VEHICLE   |   |             | METALLIC COATINGS                      |   |             |
| SOLVENTS  |   |             | FILLER METAL PLUS COATING OR CORE FLUX |   |             |
| ADDITIVES   |   |             | OTHERS                                 |   |             |
| OTHERS  |   |             |  |   |             |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES             |   |             |  | % | TLV (Units) |
| This product contains no hazardous materials as defined in 29 CFR |   |             |  |   |             |
| Parts 1501, 1502 and 1503 (Safety and Health Regulations for Ship |   |             |  |   |             |
| Repairing, Ship Building and Ship Breaking)                       |   |             |  |   |             |
|   |   |             |  |   |             |

## SECTION III - PHYSICAL DATA

|                         |   |                                       |      |
|-------------------------|---|---------------------------------------|------|
| BOILING POINT (°F.)     | n.a.  | SPECIFIC GRAVITY (H <sub>2</sub> O=1) | 1.08 |
| VAPOR PRESSURE (mm Hg.) | n.a.  | PERCENT VOLATILE BY VOLUME (%)        | 0    |
| VAPOR DENSITY (AIR=1)   | n.a.  | EVAPORATION RATE (BU AC =1)           | >1   |
| SOLUBILITY IN WATER     | 0   |                                       |      |
| APPEARANCE AND ODOR     | Amber, medium viscosity liquid, very slight characteristic odor |                                       |      |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|   |                     |                  |      |      |
|---|---------------------|------------------|------|------|
| FLASH POINT (Method used)   | COC less 50° for CL | FLAMMABLE LIMITS | LeI  | Uel  |
| 450° F  |                     | n.a.             | n.a. | n.a. |
| EXTINGUISHING MEDIA   |                     |                  |      |      |
| Use CO <sub>2</sub> or dry chemical for small fires; foam (alcohol, polymer or ordinary) for large fire |                     |                  |      |      |
| SPECIAL FIRE FIGHTING PROCEDURES  |                     |                  |      |      |
| None - avoid breathing smoke.   |                     |                  |      |      |
| UNUSUAL FIRE AND EXPLOSION HAZARDS  |                     |                  |      |      |
| None  |                     |                  |      |      |

### SECTION V - HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE**

None established. LD<sub>50</sub> for rats - >2,000 mg/kg

**EFFECTS OF OVEREXPOSURE**

Prolonged or repeated skin contact may cause skin irritation.

**EMERGENCY AND FIRST AID PROCEDURES**

Wash with soap and water at first opportunity in case of skin contact. Remove and wash contaminated clothing before reuse.

### SECTION VI - REACTIVITY DATA

**STABILITY**

UNSTABLE

**CONDITIONS TO AVOID**

STABLE

XX

**INCOMPATIBILITY (Materials to avoid)**

Avoid contamination with alkalies, acids, amines and water.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Carbon monoxide, aldehydes, acids and other organic compounds.

**HAZARDOUS  
POLYMERIZATION**

MAY OCCUR

**CONDITIONS TO AVOID**

WILL NOT OCCUR

XX

Exothermic cure may occur when large

quantities are mixed with curing agents (large mixed batches).

### SECTION VII - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Cover with absorbent material, then shovel into waste container. If spill area is to be solvent rinsed to remove stickiness, be aware of solvent vapor hazards.

**WASTE DISPOSAL METHOD**

Controlled incineration or put in metal containers for landfill burial.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION (Specify type)**

None Required.

**VENTILATION**

**LOCAL EXHAUST**

Only If Heated

**SPECIAL**

n.a.

**MECHANICAL (General)**

Not Ordinarily Required

**OTHER**

n.a.

**PROTECTIVE GLOVES**

Rubber or Plastic

**EYE PROTECTION**

Safety Glasses or Goggles

**OTHER PROTECTIVE EQUIPMENT**

Wear coveralls or apron to avoid clothing and skin contamination.

### SECTION IX - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Store in a dry area, avoid skin contact.

**OTHER PRECAUTIONS**

n.a.

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# MATERIAL SAFETY DATA SHEET

PS2 007

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

|  |                        |  |
|--|------------------------|--|
| MANUFACTURER'S NAME<br><b>Hysol Division, The Dexter Corporation</b>                                     |                        | EMERGENCY TELEPHONE NO.<br><b>716-372-6300</b>     |
| ADDRESS (Number, Street, City, State, and ZIP Code)<br><b>211 Franklin Street, Olean, New York 14760</b> |                        |  |
| CHEMICAL NAME AND SYNONYMS   |                        | TRADE NAME AND SYNONYMS<br><b>PC12-007, Part B</b> |
| CHEMICAL FAMILY<br><b>Epoxy Resin</b>  | FORMULA<br><b>N.A.</b> |  |

## SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS                     | % | TLV (Units) | ALLOYS AND METALLIC COATINGS              | % | TLV (Units) |
|---|---|-------------|---|---|-------------|
| PIGMENTS  |   |             | BASE METAL                                |   |             |
| CATALYST  |   |             | ALLOYS                                    |   |             |
| VEHICLE   |   |             | METALLIC COATINGS                         |   |             |
| SOLVENTS  |   |             | FILLER METAL<br>PLUS COATING OR CORE FLUX |   |             |
| ADDITIVES   |   |             | OTHERS                                    |   |             |
| OTHERS  |   |             |   |   |             |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES |   |             |   | % | TLV (Units) |
| Contains no hazardous ingredients.                    |   |             |   |   |             |
|   |   |             |   |   |             |
|   |   |             |   |   |             |
|   |   |             |   |   |             |

## SECTION III - PHYSICAL DATA

|  |       |                                       |     |
|--|-------|---------------------------------------|-----|
| BOILING POINT (°F.) Decomposition                | 635   | SPECIFIC GRAVITY (H <sub>2</sub> O=1) | 0.9 |
| VAPOR PRESSURE (mm Hg.) <small>may occur</small> | <0.01 | PERCENT VOLATILE BY VOLUME (%)        | Nil |
| VAPOR DENSITY (AIR=1)                            | 9.6   | EVAPORATION RATE (Bu Ac = 1)          | Nil |
| SOLUBILITY IN WATER                              | Nil   |                                       |     |
| APPEARANCE AND ODOR                              |       |                                       |     |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|                                    |                                       |                             |     |     |
|------------------------------------|---------------------------------------|-----------------------------|-----|-----|
| FLASH POINT (Method used)          | COC <i>170°C</i>                      | FLAMMABLE LIMITS Calculated | Lel | Uel |
|                                    |                                       |                             | 0.5 | 2.5 |
| EXTINGUISHING MEDIA                | CO <sub>2</sub> , dry chemical, foam. |                             |     |     |
| SPECIAL FIRE FIGHTING PROCEDURES   | None                                  |                             |     |     |
| UNUSUAL FIRE AND EXPLOSION HAZARDS |                                       |                             |     |     |
| None                               |                                       |                             |     |     |

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not yet established.

EFFECTS OF OVEREXPOSURE

None expected from foreseeable exposures.

EMERGENCY AND FIRST AID PROCEDURES

Flush eye contact with water for 15 minutes, call physician. Skin contact: emulsify with 5% acetic acid solution, rinse, then wash with soap and water.

## SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

XX

Strong alkalies, acids.

INCOMPATIBILITY (Materials to avoid)

None

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO<sub>2</sub>

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

XX

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Scoop up excess. Scrub area with 5% acetic acid solution to emulsify, rinse with hot water.

WASTE DISPOSAL METHOD

Incinerate in furnace or bury in approved landfill.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None

VENTILATION

LOCAL EXHAUST

Preferable

SPECIAL

MECHANICAL (General)

Acceptable

OTHER

PROTECTIVE GLOVES

Plastic or Rubber

EYE PROTECTION

Safety Glasses

OTHER PROTECTIVE EQUIPMENT

Eye bath, safety shower.

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers tightly closed.

OTHER PRECAUTIONS